



Product Overview

The PrO2 is a revolutionary, patented technology capable of delivering pure oxygen in a truly dissolved state into a diverse number of waste streams at a small fraction of the cost of conventional aeration methods.

The PrO2 nanotechnology, super-saturates the water with pure oxygen, hyper concentrated in a solution consisting of 20% nano-bubbles and 80% fully dissolved oxygen resulting in extremely high dissolved oxygen delivery with virtually no off-gassing and absolutely no Nitrogen being delivered in the process.

The PrO2-154 is our flagship water remediation unit. Designed for permanent installation, it is intended for municipal, industrial, and commercial application. The PrO2-154 injects 6 lbs of oxygen per hour at its highest capacity, and will deliver the dissolved oxygen stream at a rate of 15 GPM.

Key Features

- 6 modes of operation
- SCADA monitoring
- HMI remote control and data collection
- Multiple security levels
- Optional enclosure available
- Digital training included

Applications

- Municipal wastewater
- Ground and surface water
- Beverage industry wastewater
- Agriculture and food processing
- Ballast and bilge water
- CAFOs
- Fracking fluid
- Industrial fluids and oil



COST / EFFICIENCY



The PrO2 System produces far more dissolved oxygen than the top performing Aeration Systems on the market for 1/50th of the energy cost!

ADDITIONAL OPTIONS

PRE-FABRICATED SHELTER

Hanson Solutions Group can also provide a product shelter, built to the client's specific needs. They are designed to easily integrate the PrO2 systems with full wiring, plumbing and an integrated heating / cooling unit.



REMOTE ACCESS & MONITORING VIA SMART DEVICES

The PrO2 system can be controlled and monitored remotely through a cellular modem or the Internet. It is Smart Phone, Tablet, Laptop and PC accessible, with a SCADA connection for integrated monitoring.



Output

15 Gallons per minute

Physical Dimensions

Height: 59 inches

Width: 26 inches

Depth: 26 inches

Horsepower

3 HP

Oxygen Delivery

6 lbs./hr. @ 70° F (21.1° C)

Power Requirements

220 Volts, Single Phase

Water Supply Requirements

50 - 75 PSI

Operating Pressure

150 - 300 PSI

Warranty

12 Months

